

gene of interest is expressed, which process comprises:
transforming host cells with an expression
vector according to claim 1; and
selectable those cells where expression of the
selection marker gene may be detected.

¹³/₃₅. A process according to claim ¹²/₃₄, wherein the
host cell is a eukaryotic cell.

⁵/₃₆. A host cell transformed with a recombinant
expression vector according to claim 1.

¹⁵/₃₇. A retroviral packaging cell line comprising a
host cell transformed with a first and a second recombinant
expression vector, said first recombinant expression vector
having a packaging-deficient construct comprising a viral gag-
pol gene and a first selectable marker gene downstream
thereof, and said second recombinant expression vector having
a packaging-deficient construct comprising a viral env gene
and a second selectable marker gene downstream thereof;
wherein the start codon of the first and second selectable
markers are spaced from the stop codons of the viral gag-pol
gene and the viral env gene respectively by a distance which
ensures that said selectable marker protein is expressed from
the corresponding mRNA as a result of translation
reinitiation.

38. A retroviral packaging cell line according to
claim 37 being human complement-resistant.

¹⁷/₃₉. A retroviral packaging cell line according to
claim ¹⁵/₃₇, wherein the first selectable marker is a bsr
selectable marker and the second selectable marker is a phleo
selectable marker.

¹⁸/₄₀. A retroviral packaging cell line according to

70

¹⁵
claim ~~31~~, wherein the packaging-deficient construct comprising the viral gag-pol gene and first selectable marker is the CeB (SEQ ID No. 2) expression construct.

⁶
41. A retroviral packaging cell line according to claim 1, wherein ^athe packaging-deficient construct comprising ~~the~~ viral env gene and second selectable marker is the FbdelpASAF (SEQ ID No. 5), the FbdelpMOSAF (SEQ ID No. 6), ^athe FbdelpGASAF (SEQ ID No. 7), the FbdelpRDSAF (SEQ ID No. 8), the FbdelpXSAF (Fig. 3), the Fbdelp10A1SAF (Fig. 3), or the FbdelpVSVGSAF (Fig. 3) expression construct.

¹⁹
42. A retroviral packaging cell line according to claim ¹⁵~~31~~, wherein ~~the~~ recombinant expression vector is a packaging-deficient retroviral helper construct.

⁵
43. A retroviral packaging cell line according to claim 42, wherein the overlapping sequences between the genomes of the retroviral vector and the packaging-deficient construct is reduced by minimizing the extent of non-coding retroviral sequences in the packaging-deficient genome.

²⁰
44. A retroviral packaging cell line according to claim ¹⁵~~31~~, wherein the viral gag-pol gene and the selectable marker are expressed under the control of a non-retroviral promoter.

²⁷
45. A retroviral packaging cell line according to claim ²⁰~~44~~, wherein the promoter is fused to rabbit beta-1 globin intron.

²⁸
46. A retroviral packaging cell line according to claim ²⁰~~44~~, wherein the promoter is a hCMV promoter.

²⁹
47. A retroviral packaging cell line according to claim ²⁰~~44~~, wherein the viral gag-pol gene and the selectable

71

marker is a hCMV+intron (SEQ ID No. 3) or a hCMV+intronkaSD (SEQ ID No. 4) expression construct.

²¹₁₅ 48. A retroviral packaging cell line according to claim ³¹₂₁ 48, wherein the viral env gene and the selectable marker are under the control of a non-retroviral promoter.

³⁰₂₁ 49. A retroviral packaging cell line according to claim ³¹₂₁ 48, wherein the promoter is fused to rabbit beta-1 globin intron.

³¹₂₁ 50. A retroviral packaging cell line according to claim ³¹₂₁ 48, wherein the promoter is a hCMV promoter.

³²₂₁ 51. A retroviral packaging cell line according to claim ³¹₂₁ 48, wherein the viral env gene and the selectable marker is a CMV10A1 (SEQ ID No. 9) expression construct.

²²₁₅ 52. A retroviral packaging cell line according to claim ³¹₂₁ 48, wherein the cell line is the HT1080 line, the TE671 line, the 3T3 line, the 293 line or the MV-1-1U line.

53. A retroviral packaging cell line according to claim 37, wherein the retroviral packaging cells comprises human HT1080 cells and express RD114 envelopes.

²⁵₁₇ 54. A retroviral packaging cell line according to claim ³¹₂₁ 48, wherein the retroviral packaging cells comprises human TE671 cells and express RD114 envelopes.

55. A process for producing a retroviral packaging cell line in which a gene of interest is expressed, which process comprises:

transforming host cells with a first and a second recombinant expression vector, said first recombinant expression vector having a packaging-deficient construct

comprising a viral gag-pol gene and a first selectable marker gene downstream thereof, and said second recombinant expression vector having a packaging-deficient construct comprising a viral env gene and a second selectable marker gene downstream thereof; wherein the start codon of the first and second selectable markers are spaced from the stop codons of the viral gag-pol gene and the viral env gene respectively by a distance which ensures that said selectable marker protein is expressed from the corresponding mRNA as a result of translation reinitiation; and

selecting transformed cells which express said first and/or second marker genes.

34
56. A packaging deficient construct for use in a process according to claim ³³55, which expresses a viral gag-pol gene and a selectable marker wherein a start codon of the selectable marker is spaced from a stop codon of the viral gag-pol gene by a distance which ensures that said selectable marker protein is expressed from the corresponding mRNA as a result of translation reinitiation.

35
57. A packaging deficient construct for use in a process according to claim ³³56, which expresses a viral env gene and a selectable marker gene; wherein a start codon of the selectable marker is spaced from a stop codon of the viral env gene by a distance which ensures that said selectable marker protein is expressed from the corresponding mRNA as a result of translation reinitiation.

REMARKS

The purpose of this Preliminary Amendment is to delete multiple claim dependencies.

The addition of dependent claims 30 and 38 relate to the human complement-resistant property. Support for these two additional claims can be found in the specification at